



UNITED STATES PATENT AND TRADEMARK OFFICE

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UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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Bib Data Sheet

CONFIRMATION NO. 8131

SERIAL NUMBER 09/981,277	FILING DATE 10/17/2001 RULE	CLASS 438	GROUP ART UNIT 2812	ATTORNEY DOCKET NO. 10991744-4
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APPLICANTS

Janice Nickel, Sunnyvale, CA;

\*\* CONTINUING DATA \*\*\*\*\*

THIS APPLICATION IS A DIV OF 09/514,934 02/28/2000

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 11/16/2001

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 4	TOTAL CLAIMS 9	INDEPENDENT CLAIMS 2
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature	Initials		

ADDRESS

HEWLETT PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

TITLE *9# / A Spin Dependent Tunneling Junctions Including Ferromagnetic*  
*MRAM devices including spin dependent tunneling junction memory cells*

FILING FEE RECEIVED 740	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
		<input type="checkbox"/> 1.18 Fees ( Issue )
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit

*layers having flattened peaks*